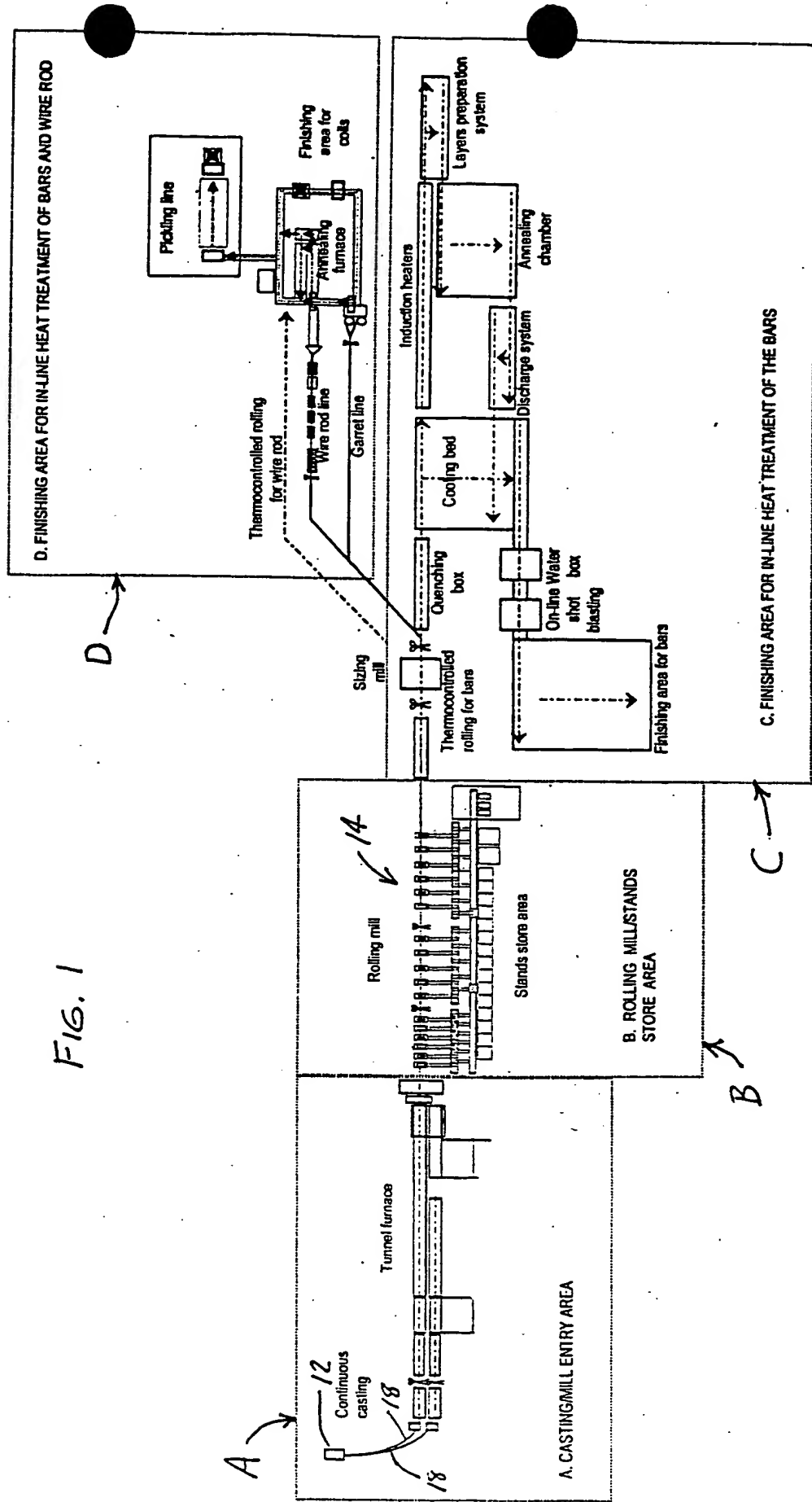


FIG. 1



00075200-101301

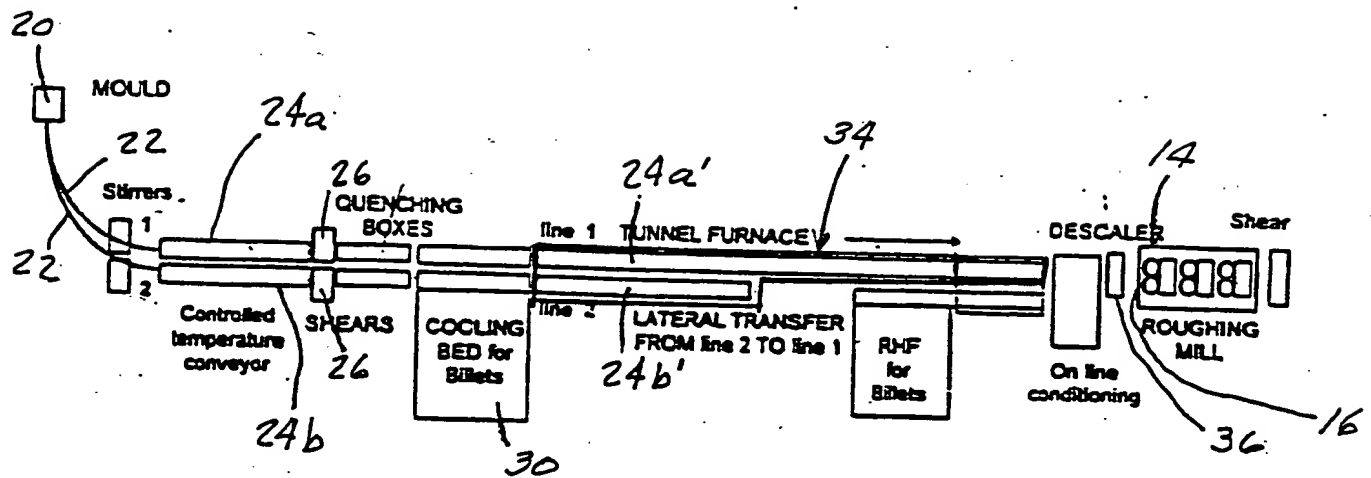


FIG. 2

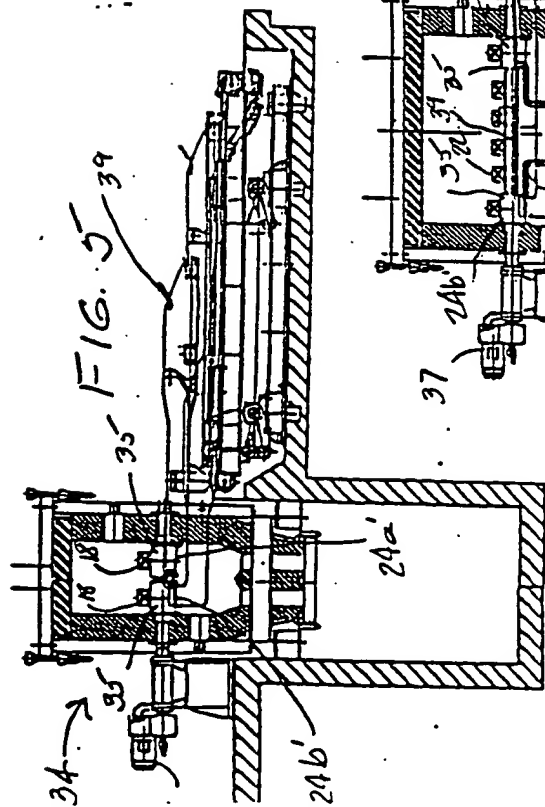


FIG. 5

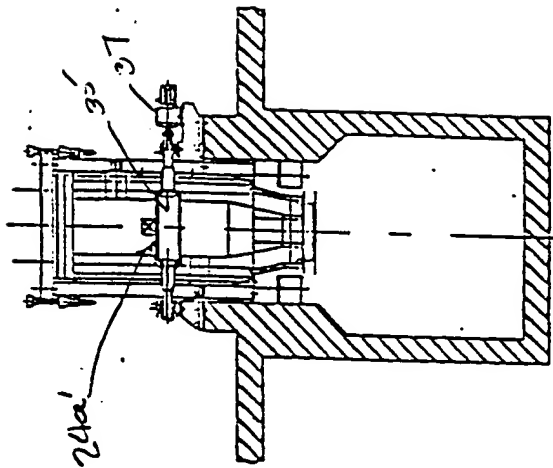


FIG. 6

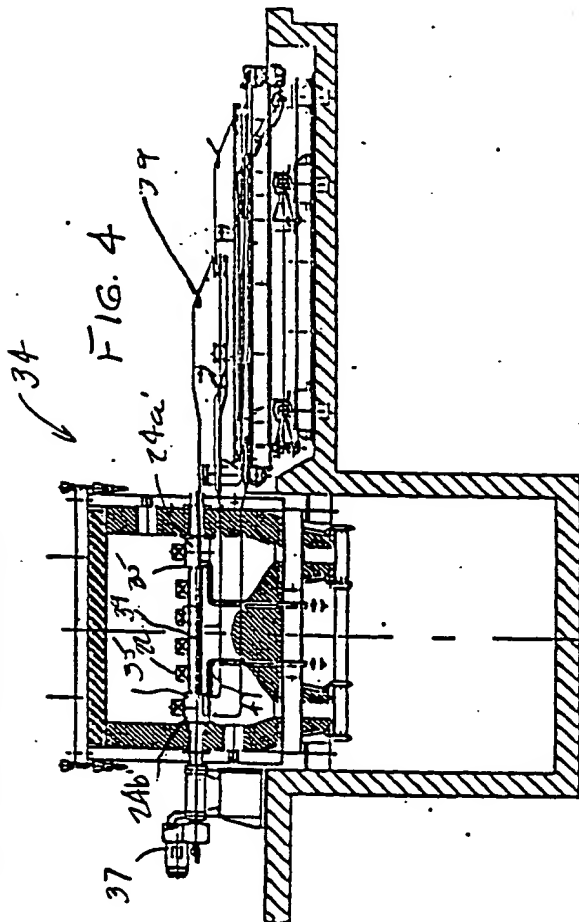


FIG. 4

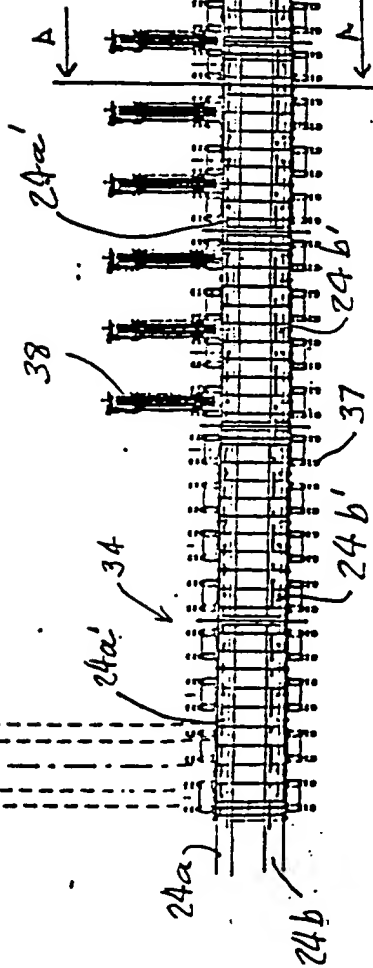
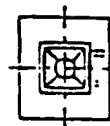
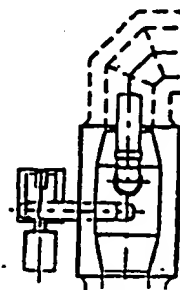
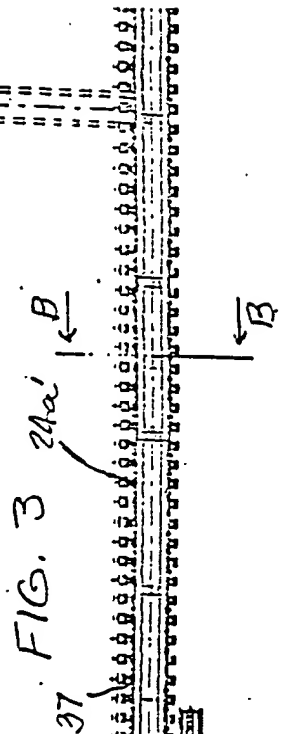
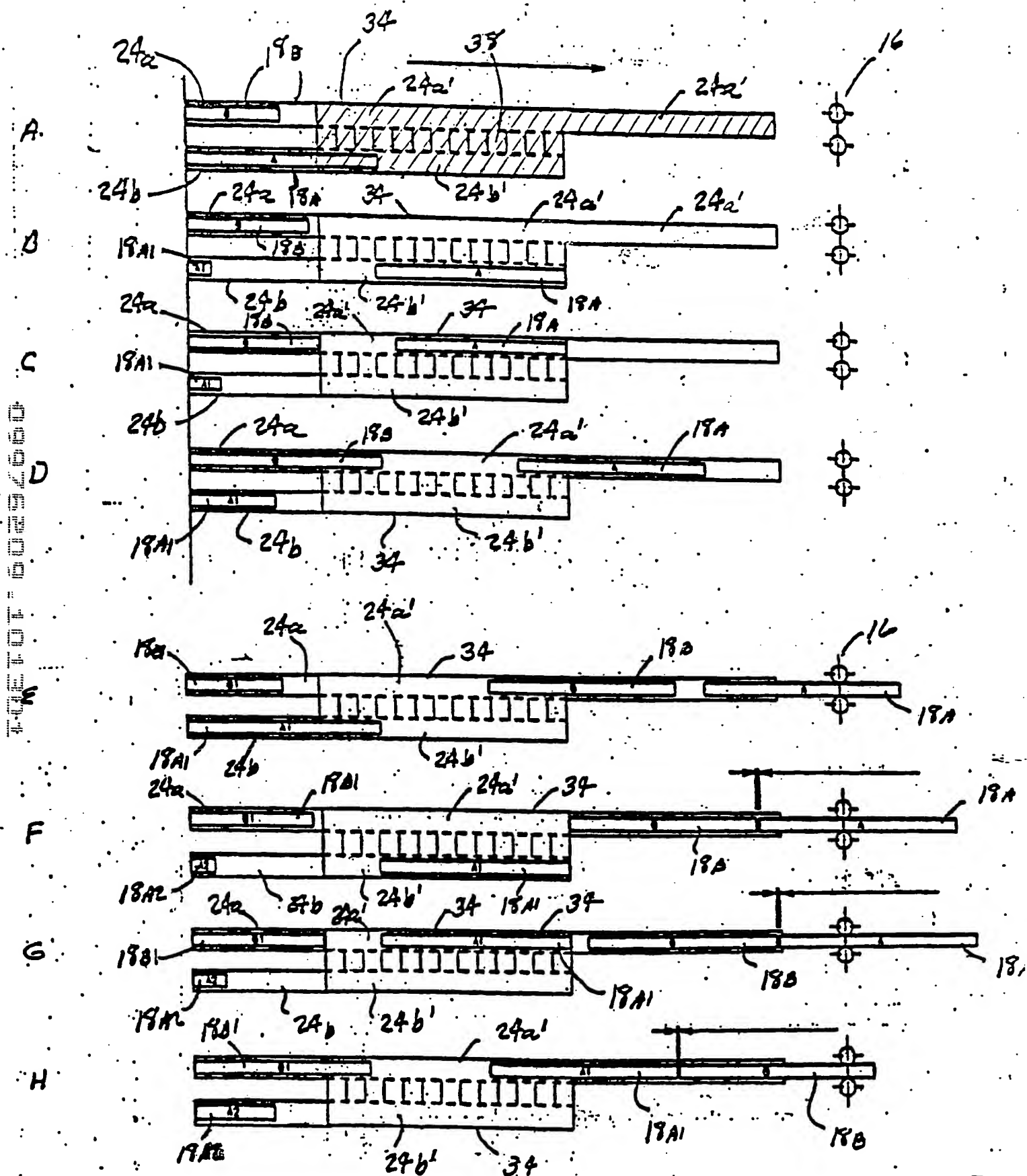
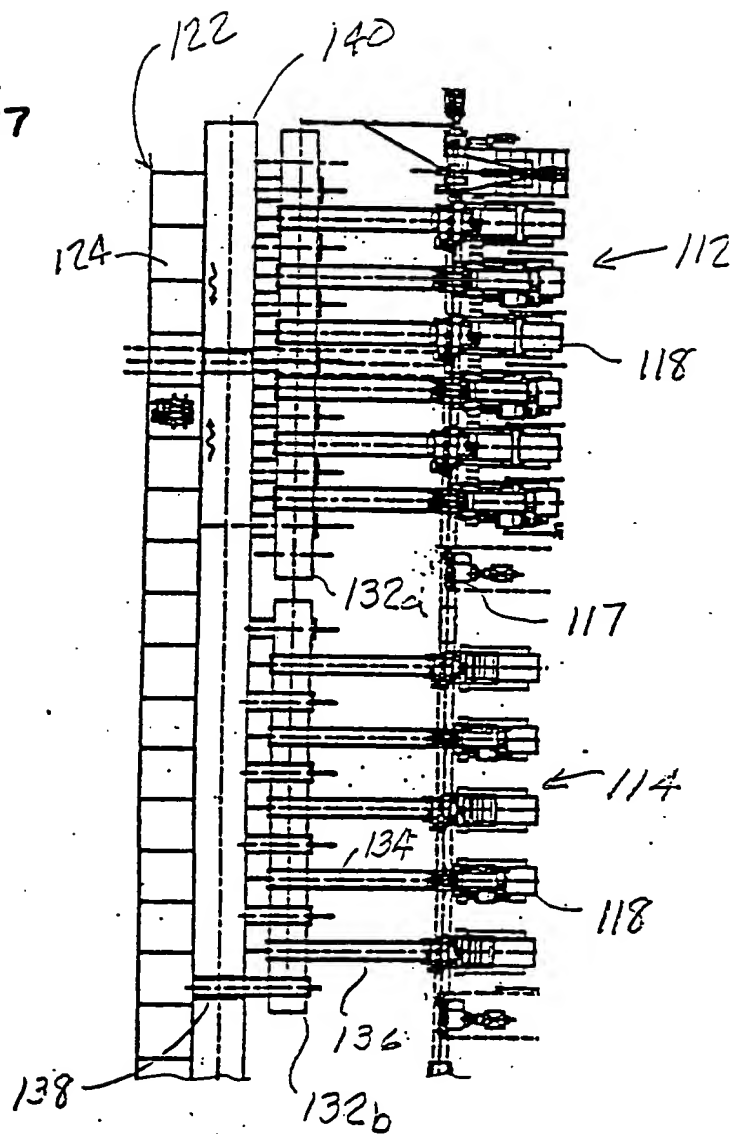
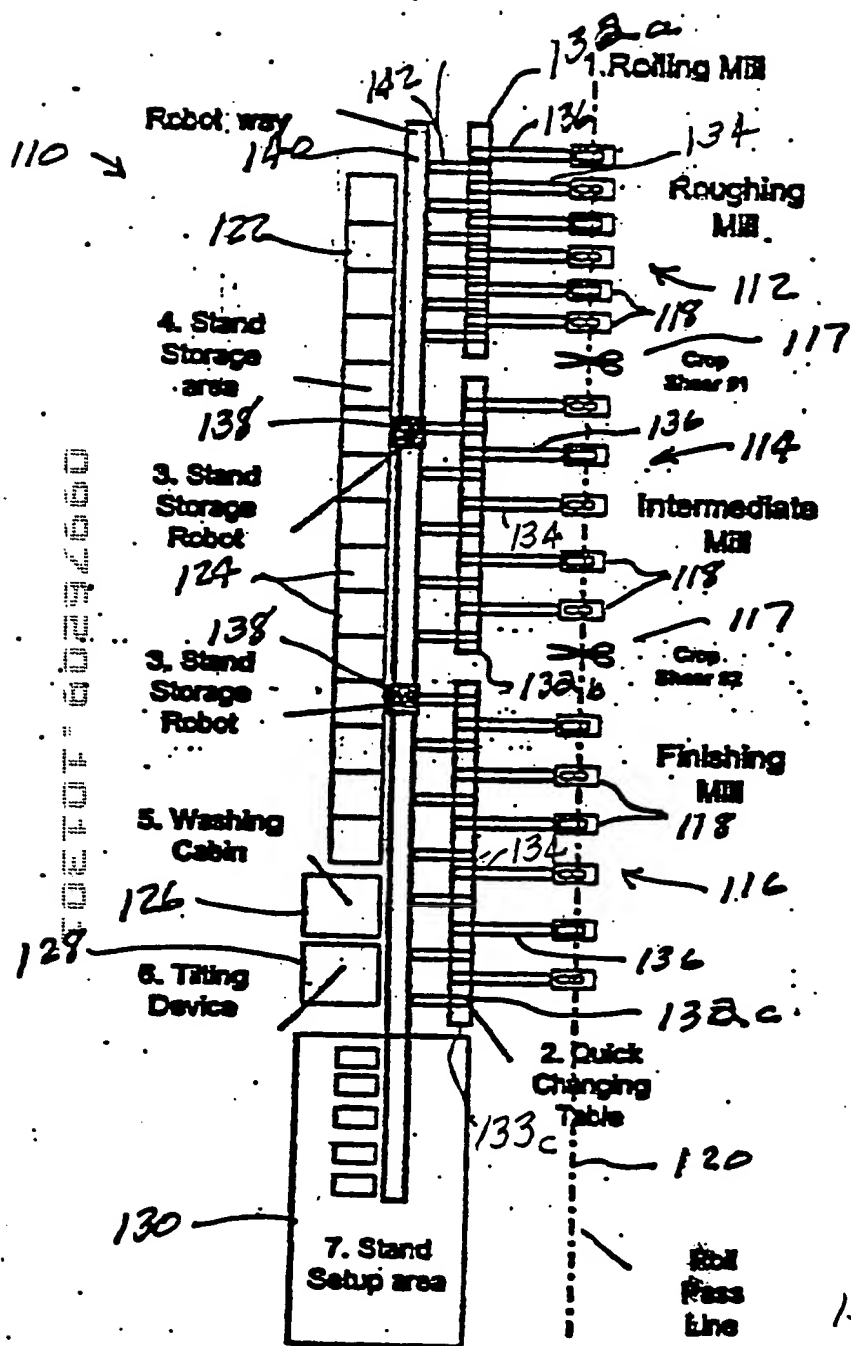


FIG. 3







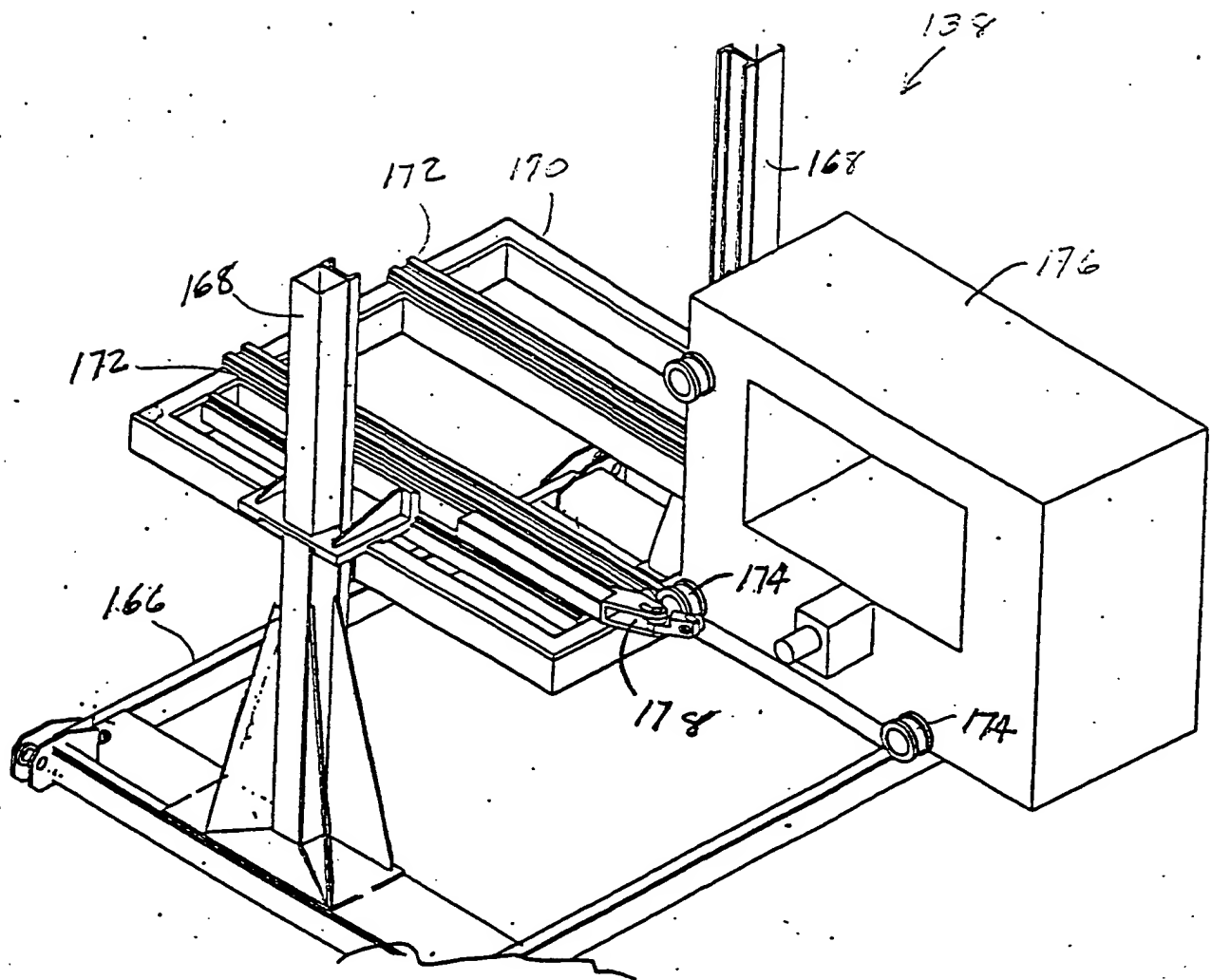


FIG. 10

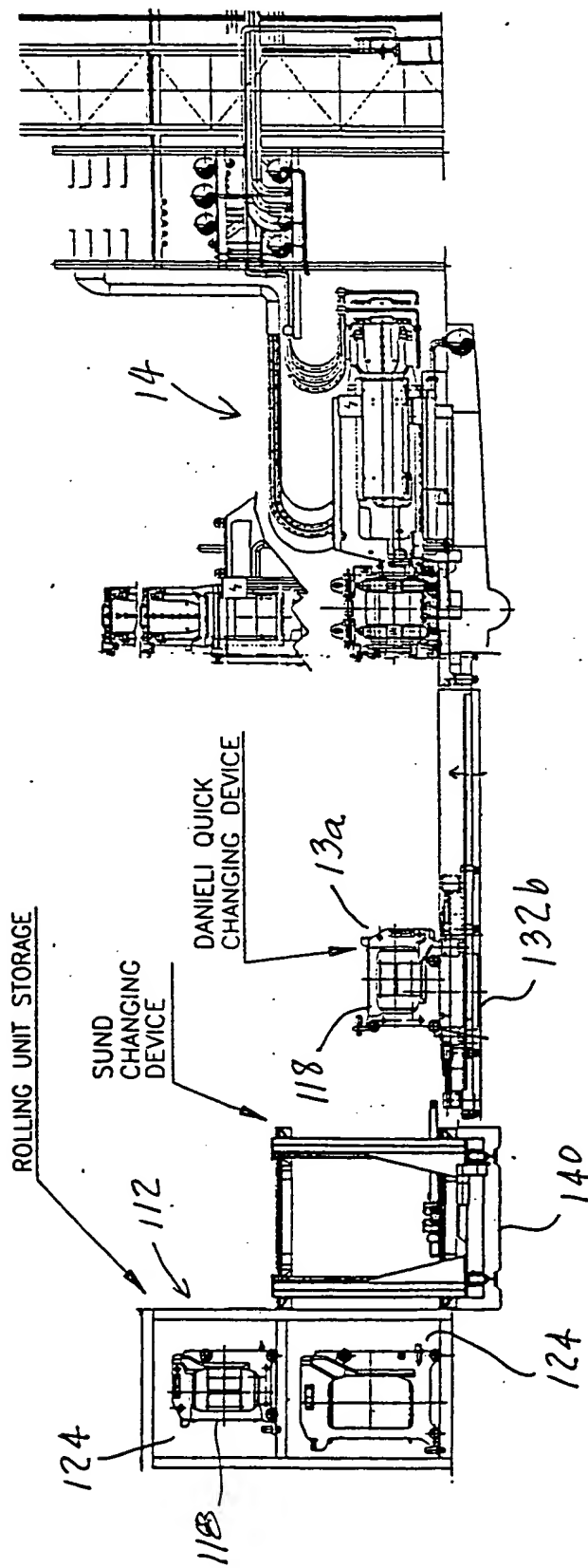


FIG. 11

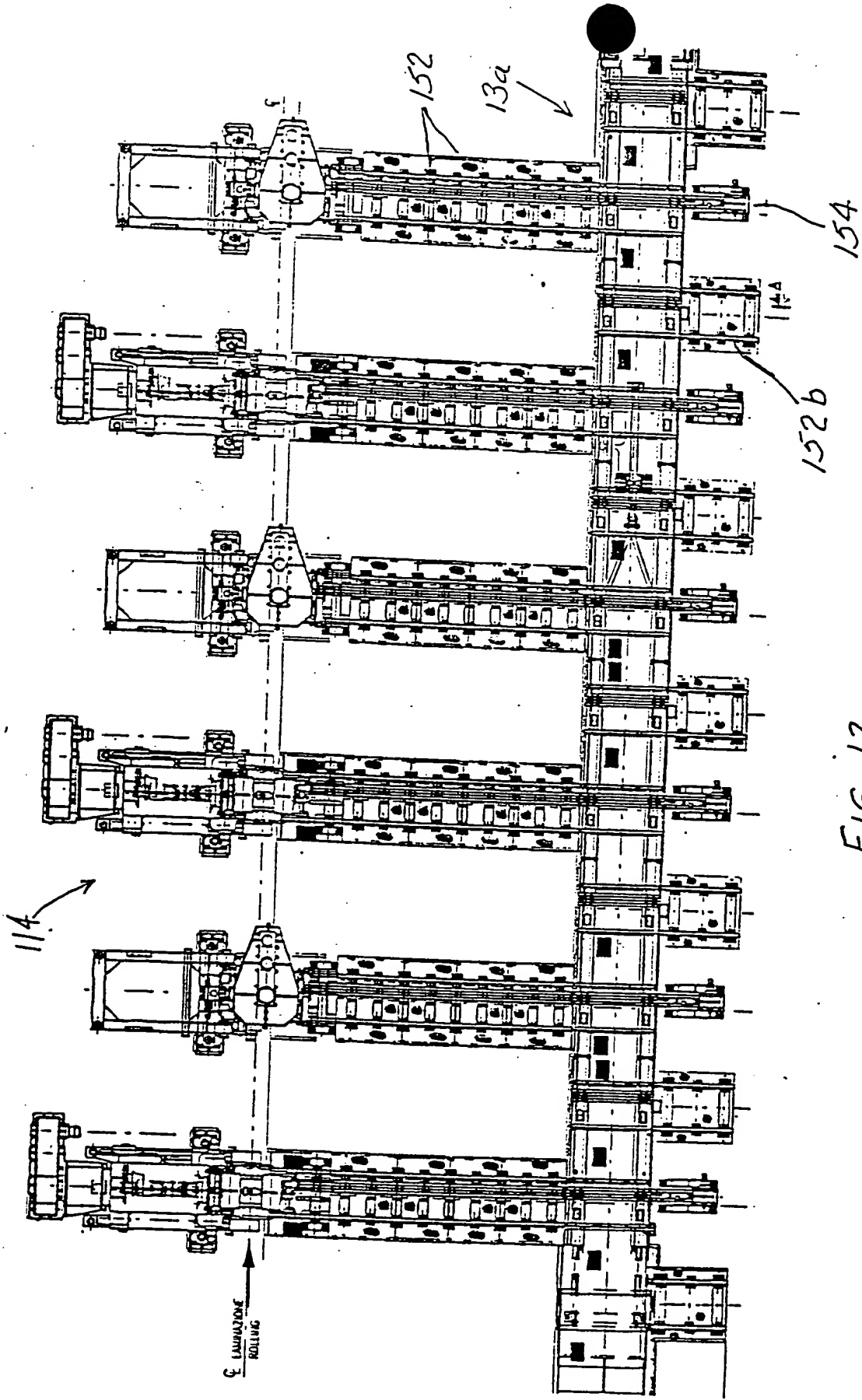
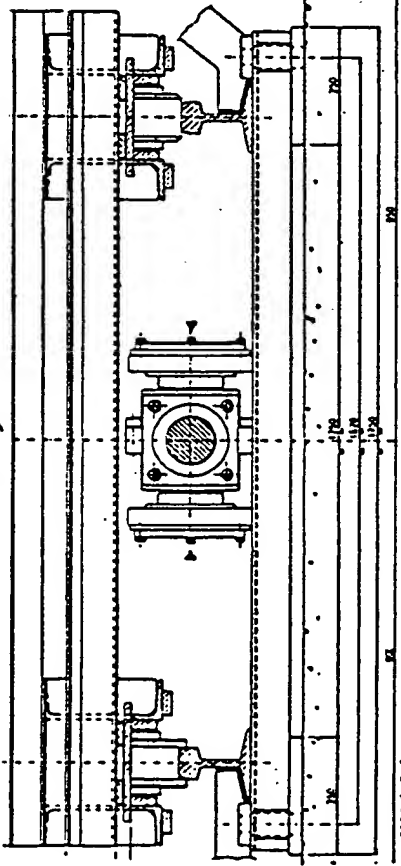


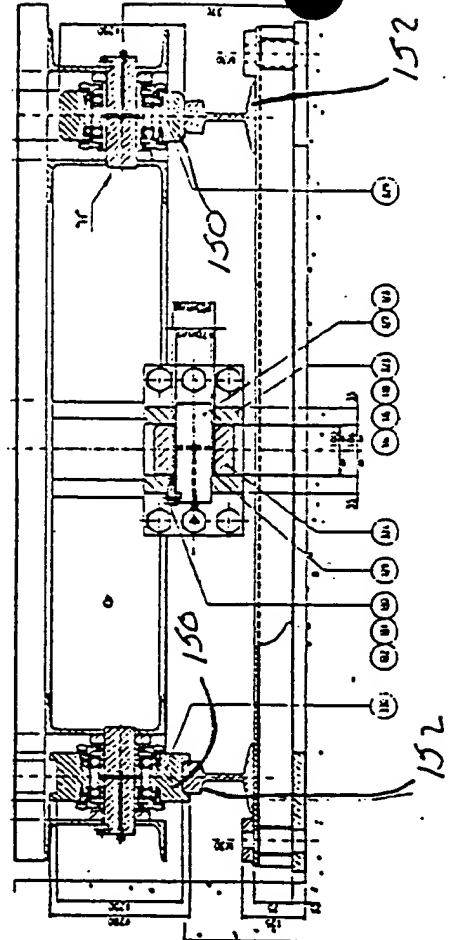
FIG. 12



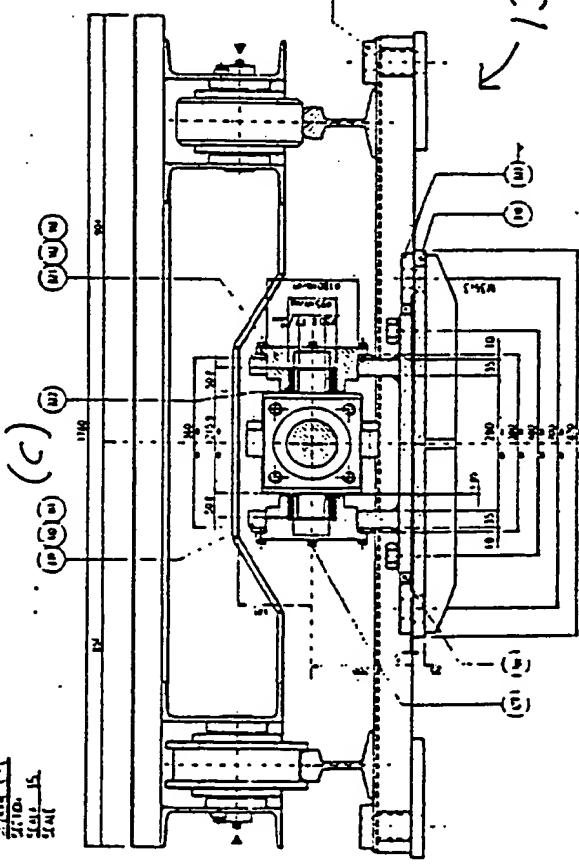
(a)



(b)



(c)



(d)

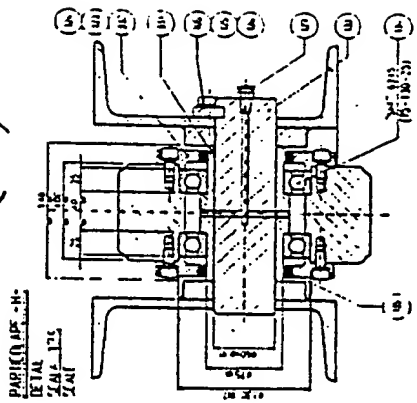


FIG. 13

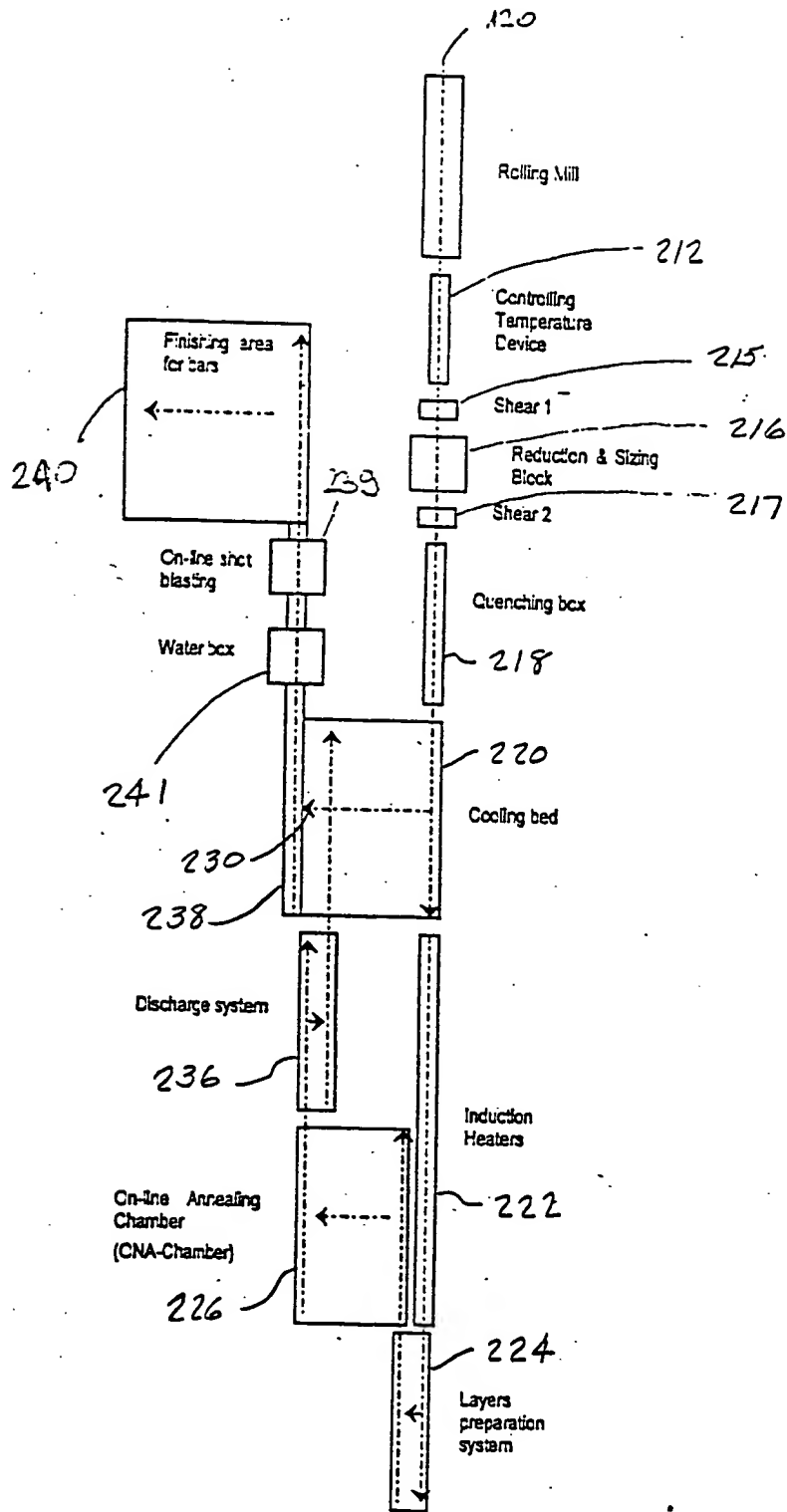


FIG. 14

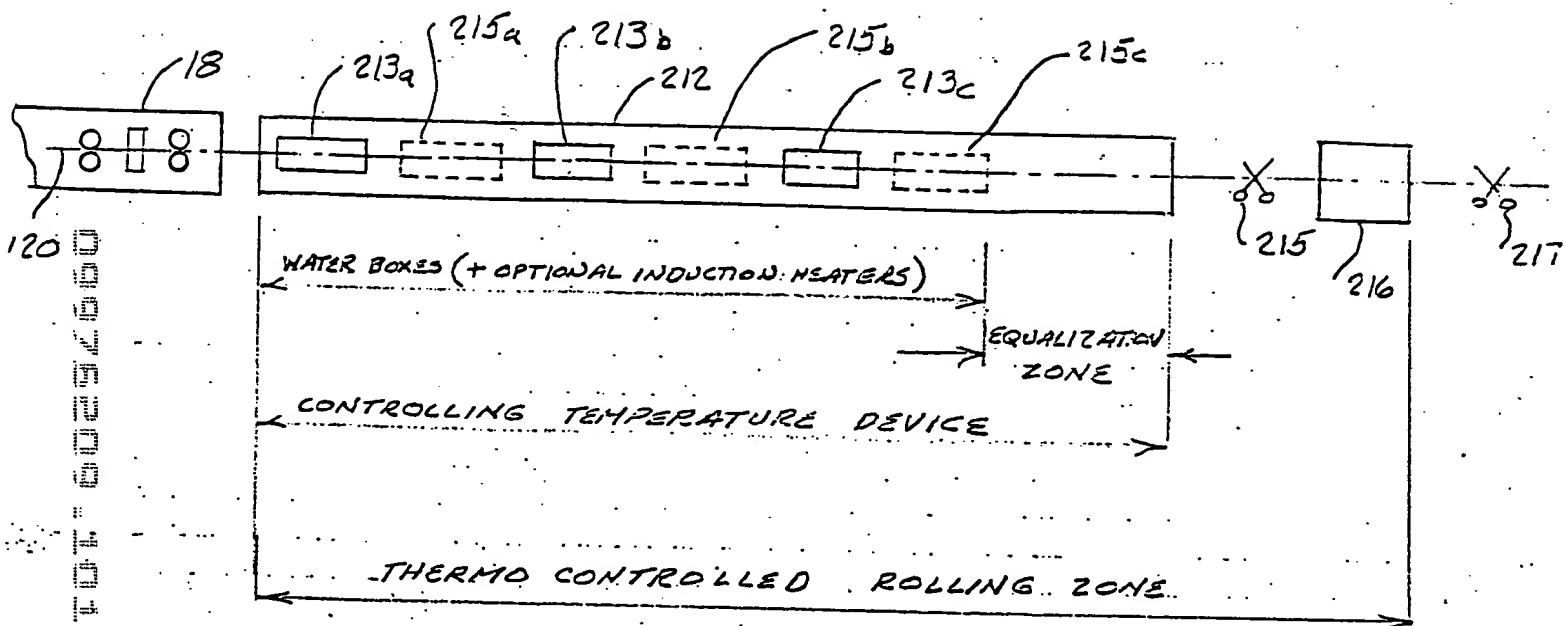


FIG. 15A

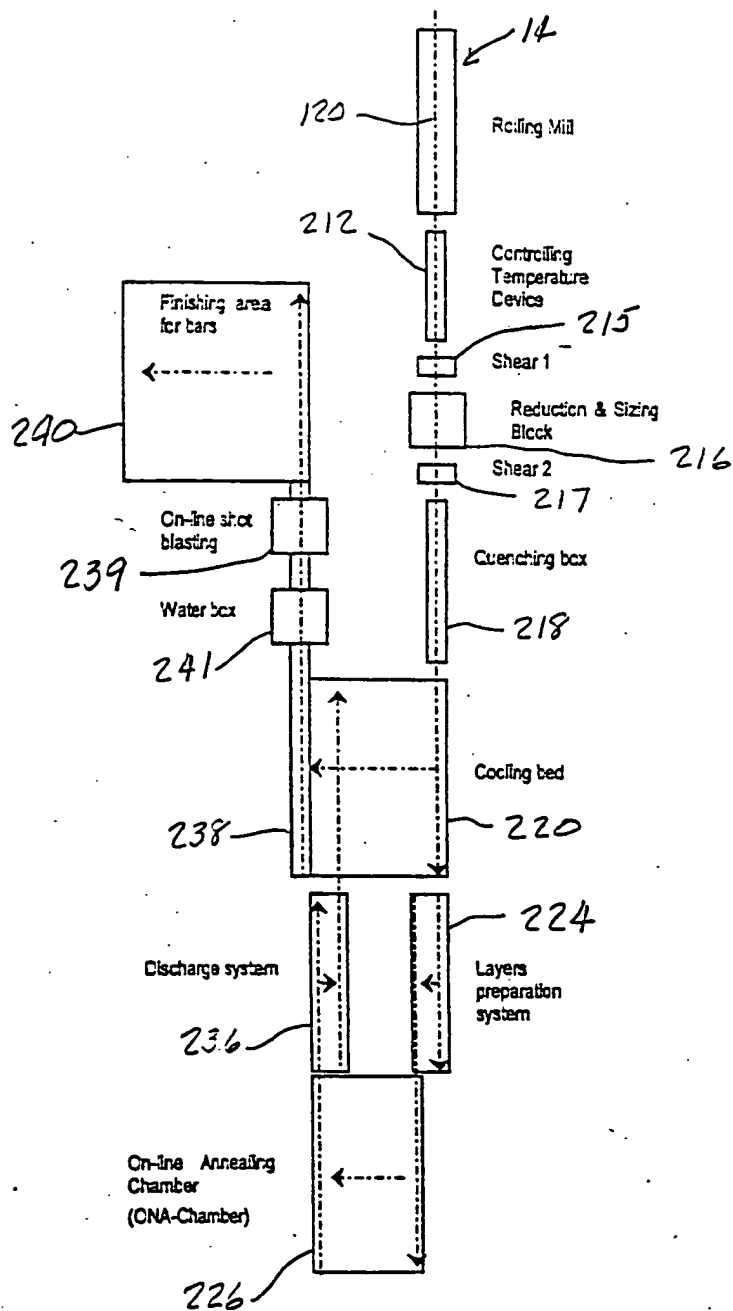


FIG. 15B

The diagram illustrates a continuous casting system for producing a continuous strand of steel. The process begins with a **Rolling Mill** (14) at the top, which feeds a continuous strand (120) into a **Controlling Temperature Device** (212). This device leads to **Shear 1** (215), followed by a **Reduction & Sizing Block** (216), and then **Shear 2** (217). The strand then passes through a **Quenching box** (218). Below the quenching box is a **Cooling bed** (220), which is part of a larger assembly (238) that also includes an **On-line shot blasting** unit (239) and a **Water box** (241). The strand then enters an **On-line Annealing Chamber (CNA-Chamber)** (226), which is part of a **Layers preparation system** (224). A **Discharge system** (236) is located at the bottom of the chamber. The final product is a continuous strand of steel (222) that has been processed through all these stages.

FIG. 15C



FIG. 17

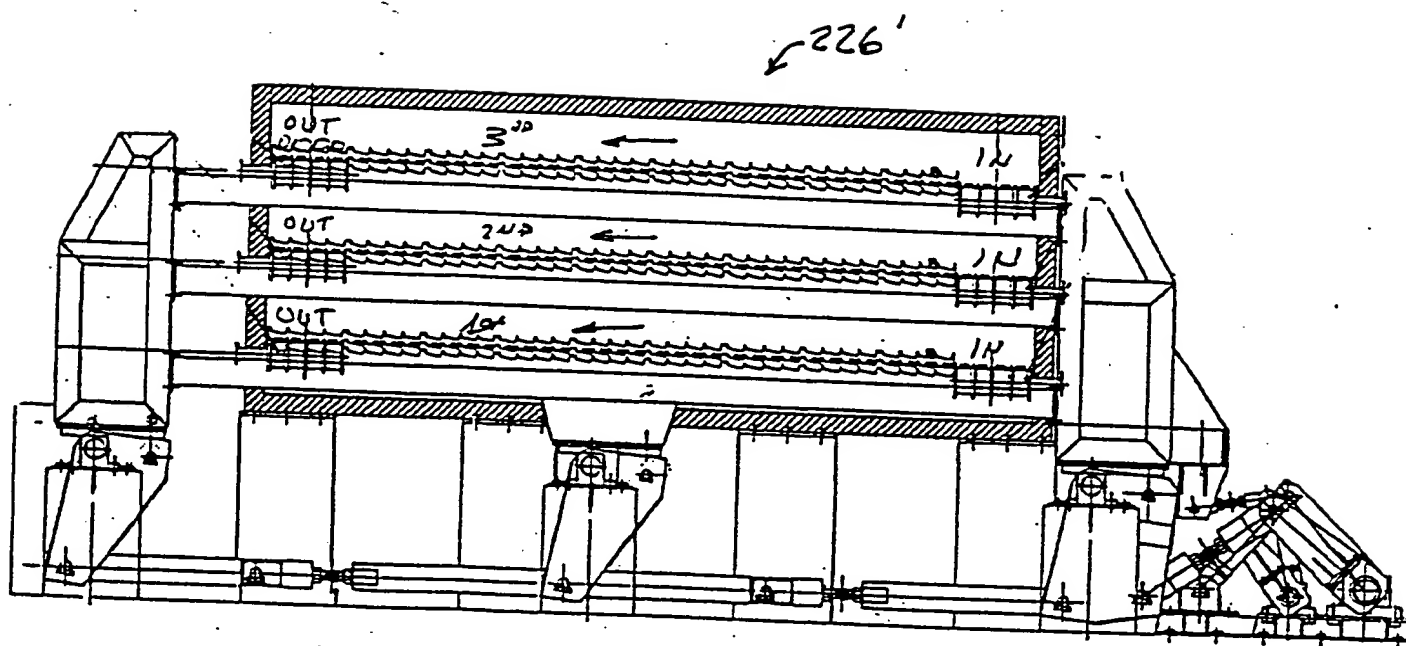


FIG. 17

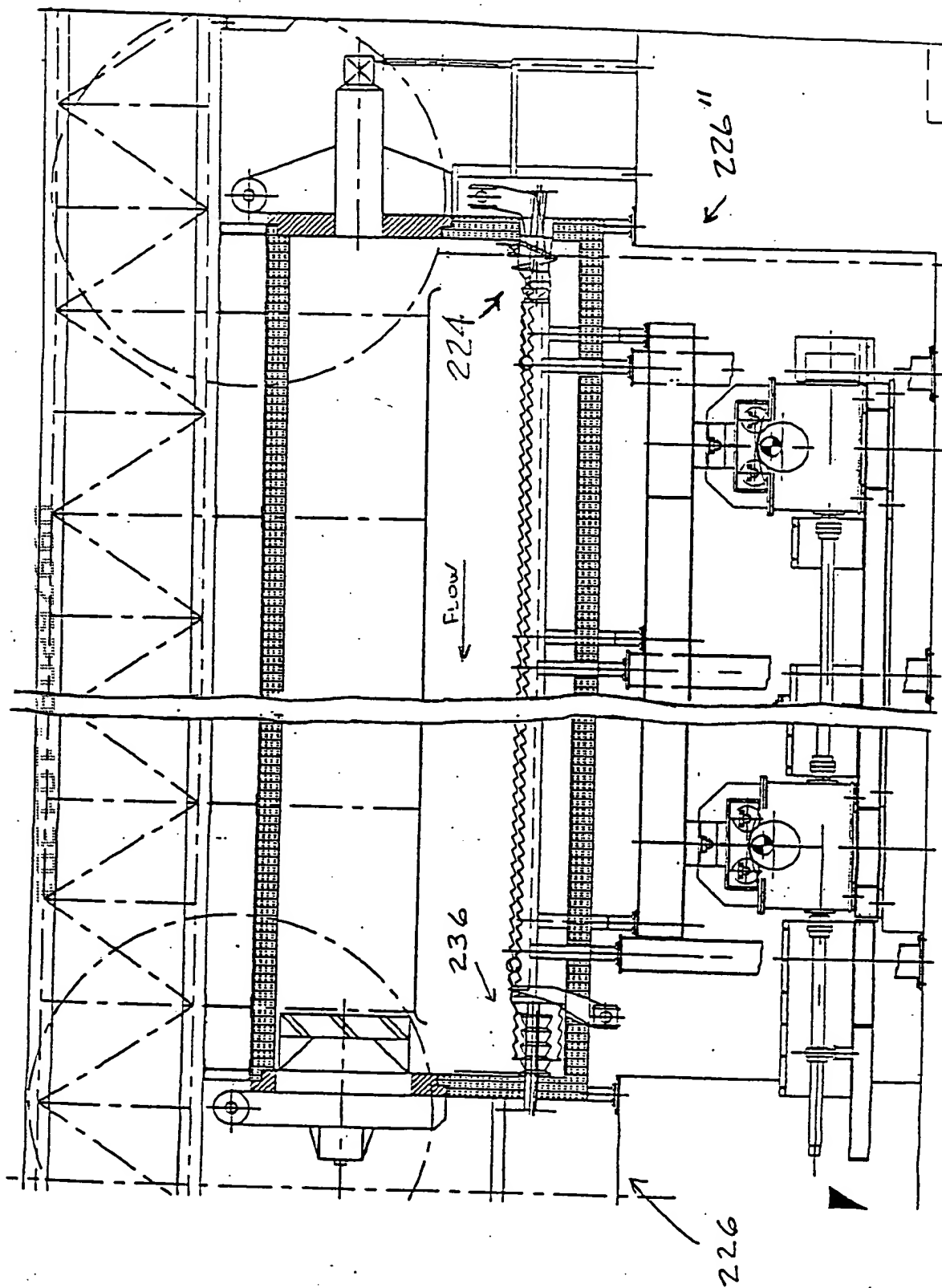


FIGURE 18



FIG. 20

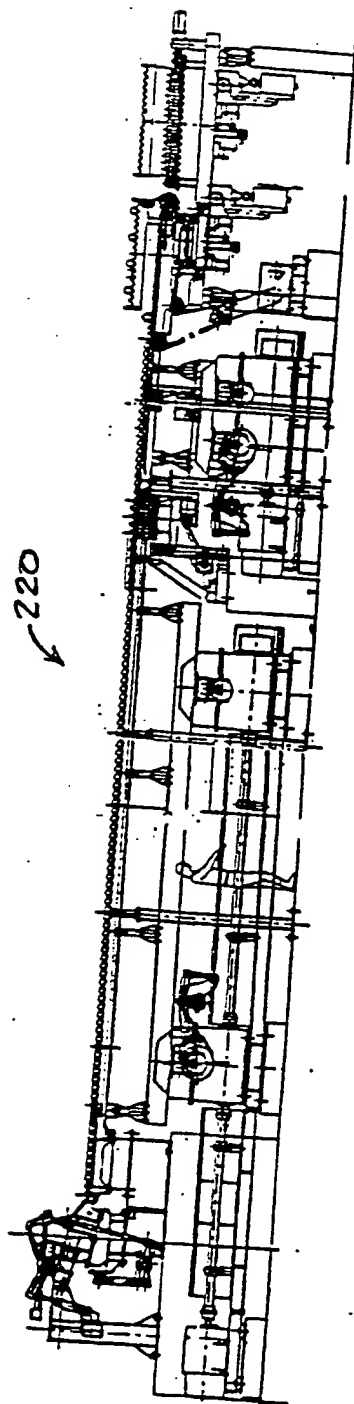


FIG. 20

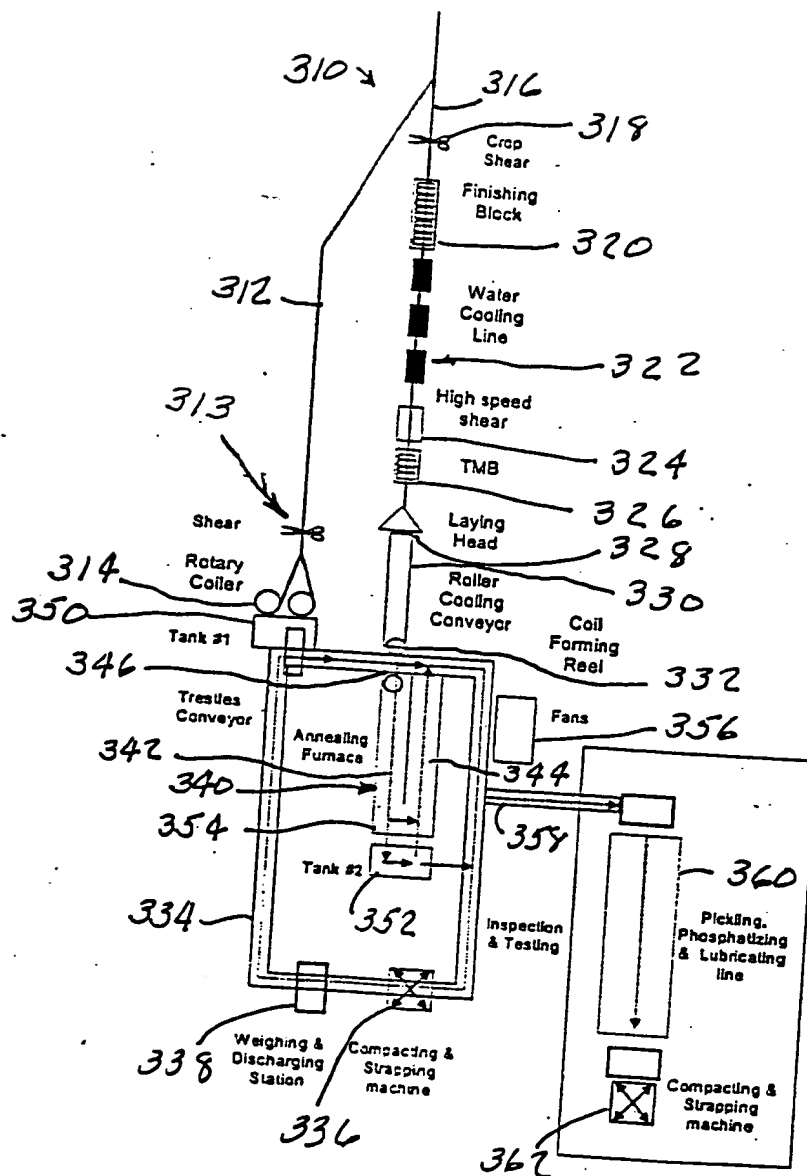


FIG. 21